ABSTRACT OF THE DISCLOSURE

An aqueous resin composition satisfying the following criteria (I)-(III). (I) The aqueous resin composition contains (a) an aqueous dispersion of a polyurethane resin obtained from a macromolecular polyol, organic polyisocyanate, chain extending agent and 2,2-dimethylolbutanoic acid, and, if required, (b) an aqueous dispersion of an acrylic resin. (II) When the resin comprising this aqueous resin composition contains mainly a polyurethane resin, the inherent viscosity (η_{inh}) of the polyurethane resin measured at a concentration of 0.5g/dL in dimethylformamide solution is in the range of 0.2 - 0.7 dL/g. After this aqueous resin composition is dried, the elastic modulus at 25 °C of the film obtained by heat treatment at 80°C for 8 hours is in the range of 8.0×10^6- 5.0×10^8 Pa, and the elastic modulus at 80°C is 8.0×10^7 Pa or less. When this aqueous resin composition is used to treat fibrous sheets, it gives fibrous products having excellent performance and durability without any problem regarding safety, hygiene or pollution, and, when it is used as a back coating resin for a separable fastener, a separable fastener is obtained having excellent resistance to fiber dropout in washing and resistance to chlorine bleaching agents, together with good durability over very long periods of use.